

GABARAP Rabbit mAb

Catalog No.: A4335 **Recombinant**

Basic Information

Observed MW

16kDa

Calculated MW

14kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC1057

Background

Gamma-aminobutyric acid A receptors [GABA(A) receptors] are ligand-gated chloride channels that mediate inhibitory neurotransmission. This gene encodes GABA(A) receptor-associated protein, which is highly positively charged in its N-terminus and shares sequence similarity with light chain-3 of microtubule-associated proteins 1A and 1B. This protein clusters neurotransmitter receptors by mediating interaction with the cytoskeleton.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

11337

Swiss Prot

O95166

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human GABARAP (O95166).

Synonyms

MM46; ATG8A; GABARAP-a; GABARAP

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

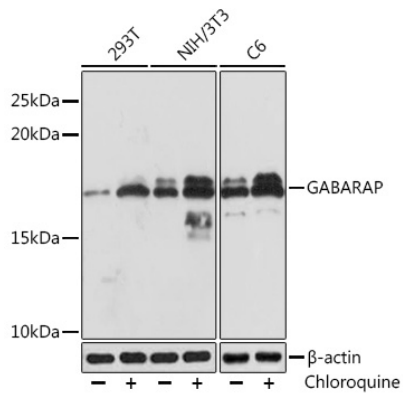
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using GABARAP Rabbit mAb (A4335) at 1:1000 dilution. 293T, NIH/3T3 and C6 cells were treated by Chloroquine (50 μ M) at 37°C for 20 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.